

Notice of Allowability

Application No.

09/595,498

Examiner

Abdulahakim Nobahar

Applicant(s)

SUN, JADIE SOO

Art Unit

2132

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/02/06.
2. ☒ The allowed claim(s) is/are 1-3, 5-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Allowable Subject Matter

1. Claims 1-3 and 5-24 are allowed.
2. The following is an examiner's statement of reasons for allowance:

The primary reasons for the allowance of the independent claims 1 and 6 are the inclusion of the following limitations that are not found in the prior art and they are uniquely distinct features. The closest prior arts are Ottesen et al (6,208,804 b1), Hurtado et al (6,983,371 B1) and Glasser et al (5,764,890).

Ottesen discloses a method for transferring source program signals representative of a multimedia program to and from a multimedia direct access storage device. The multimedia direct access storage device is preferably a component of a local set-top control unit that buffers some of the compressed program segments received from a multimedia server.

Hurtado discloses a global distribution system for digital content that protects the rights of content owners. Encrypted digital content is delivered from a first end user system to a second end user system for playing the content.

Glasser discloses method and system for inserting a secured server into an existing network, wherein the inserted server does not maintain a database of the authentication information therein.

However, these three arts, singularly or in combination, fail to anticipate or render the following limitations:

"Claim 1: d) in response to said received packet, said communication layer of code sending a response to said second device;

f) said communication layer transferring all of said packets as a single group to a processing layer of code coupled to said first device, wherein said processing code and said communication code are independent from each other, and wherein said processing layer of code performs authentication and also determines compliance with a copy protection scheme."

"Claim 9: d) in response to said received packet, said communication layer of code receiving a response from said second device;

f) said communication layer transferring a response to a processing layer of code coupled to said first device, wherein said communication layer of code and said processing layer of code are independent from each other, wherein said processing layer performs authentication and determines said second device's compliance with a copy protection scheme, and wherein fragmentation of said packets is transparent to said processing layer."

"Claim 13: said communication layer of code further operable to send a response to said peripheral device for each packet received from said peripheral device; and

said communication layer of code further operable to send all received packets as a single group to said processing layer of code stored in said memory, wherein

fragmentation of said packets comprising authentication information is transparent to said processing layer operable to perform authentication and key exchange."

3. The dependent claims 2, 3, 5-8, 10-12 and 14-24 are allowed because they were originally found to include a unique feature not found in the closest abovementioned art.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Abdulhakim Nobahar whose telephone number is 571-272-3808. The examiner can normally be reached on M-T 8-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

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you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

December 14, 2006

Abdulahakim Nobahar
Examiner, Art Unit 2132

A.N.

Gilbert, Jr.

GILBERTO BARRON JR.
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